

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajsl1623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

|  |   |        |   |
|--|---|--------|---|
| NEWS   | 1   |        | Web Page for STN Seminar Schedule - N. America  |
| NEWS   | 2   | AUG 15 | CAOLD to be discontinued on December 31, 2008   |
| NEWS   | 3   | OCT 07 | EPFULL enhanced with full implementation of EPC2000   |
| NEWS   | 4   | OCT 07 | Multiple databases enhanced for more flexible patent<br>number searching  |
| NEWS   | 5   | OCT 22 | Current-awareness alert (SDI) setup and editing<br>enhanced   |
| NEWS   | 6   | OCT 22 | WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT<br>Applications   |
| NEWS   | 7   | OCT 24 | CHEMLIST enhanced with intermediate list of<br>pre-registered REACH substances  |
| NEWS   | 8   | NOV 21 | CAS patent coverage to include exemplified prophetic<br>substances identified in English-, French-, German-,<br>and Japanese-language basic patents from 2004-present |
| NEWS   | 9   | NOV 26 | MARPAT enhanced with FSORT command  |
| NEWS   | 10  | NOV 26 | MEDLINE year-end processing temporarily halts<br>availability of new fully-indexed citations  |
| NEWS   | 11  | NOV 26 | CHEMSAFE now available on STN Easy  |
| NEWS   | 12  | NOV 26 | Two new SET commands increase convenience of STN<br>searching   |
| NEWS   | 13  | DEC 01 | ChemPort single article sales feature unavailable   |
| NEWS   | 14  | DEC 12 | GBFULL now offers single source for full-text<br>coverage of complete UK patent families  |
| NEWS   | 15  | DEC 17 | Fifty-one pharmaceutical ingredients added to PS  |
|  |   |        |   |
| NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,<br>AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008. |   |        |   |
|  |   |        |   |
| NEWS HOURS   | STN Operating Hours Plus Help Desk Availability               |        |   |
| NEWS LOGIN   | Welcome Banner and News Items                                 |        |   |
| NEWS IPC8  | For general information regarding STN implementation of IPC 8 |        |   |

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:28:28 ON 24 DEC 2008

=> b reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:28:39 ON 24 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 DEC 2008 HIGHEST RN 1088779-12-7

DICTIONARY FILE UPDATES: 22 DEC 2008 HIGHEST RN 1088779-12-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e celecoxib/cn

|     |       |                             |
|-----|-------|-----------------------------|
| E1  | 1     | CELEC K/CN                  |
| E2  | 1     | CELECOX/CN                  |
| E3  | 1 --> | CELECOXIB/CN                |
| E4  | 1     | CELECOXIB CALCIUM/CN        |
| E5  | 1     | CELECOXIB LITHIUM/CN        |
| E6  | 1     | CELECOXIB POTASSIUM/CN      |
| E7  | 1     | CELECOXIB SODIUM/CN         |
| E8  | 1     | CELECOXIB SODIUM HYDRATE/CN |
| E9  | 1     | CELECT AMINE/CN             |
| E10 | 1     | CELECT H 150/CN             |
| E11 | 1     | CELECT H 75/CN              |
| E12 | 1     | CELECT P 175/CN             |

=> s e3

L1 1 CELECOXIB/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 169590-42-5 REGISTRY

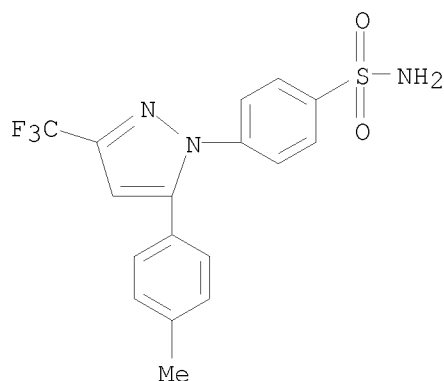
ED Entered STN: 02 Nov 1995

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

OTHER NAMES:

CN 4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide

CN Celebra  
 CN Celebrex  
 CN Celecox  
 CN Celecoxib  
 CN Celocoxib  
 CN SC 58635  
 CN YM 177  
 DR 184007-95-2, 194044-54-7  
 MF C17 H14 F3 N3 O2 S  
 CI COM  
 SR US Adopted Names Council (USAN)  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO,  
 CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU,  
 DRUGU, EMBASE, HSDB\*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT,  
 IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, PATDPASPC, PHAR, PROMT,  
 PROUSDDR, PS, RTECS\*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3237 REFERENCES IN FILE CA (1907 TO DATE)  
 77 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 3256 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e propylene glycol/cn

|     |       |   |
|-----|-------|---|
| E1  | 1     | PROPYLENE FUMARATE POLYMER/CN   |
| E2  | 1     | PROPYLENE FUMARATE-PROPYLENE ISOPHTHALATE COPOLYMER/CN                    |
| E3  | 1 --> | PROPYLENE GLYCOL/CN   |
| E4  | 1     | PROPYLENE GLYCOL (2-CHLORO-4-AMINOPHENYL) ETHER SULFURIC ACID ESTER/CN    |
| E5  | 1     | PROPYLENE GLYCOL B-MONOETHYL ETHER/CN                                     |
| E6  | 1     | PROPYLENE GLYCOL 1,2,3-PROPANETRIYL ETHER-TOLUENE DIISOCYANATE POLYMER/CN |
| E7  | 1     | PROPYLENE GLYCOL 1,2-DIPROPIONATE/CN                                      |
| E8  | 1     | PROPYLENE GLYCOL 1,3-DITOSYLATE/CN  |
| E9  | 1     | PROPYLENE GLYCOL 1-(TERT-BUTYL ETHER)/CN                                  |
| E10 | 1     | PROPYLENE GLYCOL 1-BEHENATE/CN  |
| E11 | 1     | PROPYLENE GLYCOL 1-METHYL ETHER/CN  |

E12 1 PROPYLENE GLYCOL 1-METHYL ETHER 2-ACETATE/CN

=> s e3

L2 1 "PROPYLENE GLYCOL"/CN

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 57-55-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,2-Propanediol (CA INDEX NAME)

OTHER NAMES:

CN (±)-1,2-Propanediol

CN (±)-Propylene glycol

CN (RS)-1,2-Propanediol

CN α-Propylene glycol

CN 1,2-(RS)-Propanediol

CN 1,2-Dihydroxypropane

CN 1,2-Propylene glycol

CN 1000PG

CN 2,3-Propanediol

CN 2-Hydroxypropanol

CN Adeka PG

CN Adeka Propylene Glycol PG-P

CN DC 403

CN DL-1,2-Propanediol

CN dl-Propylene glycol

CN Dowfrost

CN Isopropylene glycol

CN Methylethyl glycol

CN Methylethylene glycol

CN Monopropylene glycol

CN NSC 69860

CN Nybrine NFP

CN PG 12

CN PG-T

CN PG-T (glycol)

CN ProGlyc 55

CN Propylene glycol

CN Safewing MP-I 1938

CN Safewing MP-IV 2001

CN Sirlene

CN Solar Winter Ban

CN Solargard P

CN Ucar 35

DR 63625-56-9, 4254-16-4, 190913-75-8

MF C3 H8 O2

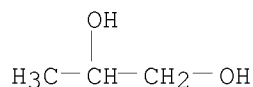
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PATDPASPC, PHAR, PIRA, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, USPATOLD, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

32647 REFERENCES IN FILE CA (1907 TO DATE)  
 3717 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 32747 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> b caplus

| COST IN U.S. DOLLARS | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST  | 15.22               | 15.43            |

FILE 'CAPLUS' ENTERED AT 11:29:33 ON 24 DEC 2008  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 24 Dec 2008 VOL 149 ISS 26  
 FILE LAST UPDATED: 23 Dec 2008 (20081223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l1 and l2

3256 L1

32747 L2

L3 64 L1 AND L2

=> s l3 and (solvate or crystalline)

11283 SOLVATE

7474 SOLVATES

17238 SOLVATE

(SOLVATE OR SOLVATES)

89739 CRYSTALLINE

303 CRYSTALLINES

90014 CRYSTALLINE

(CRYSTALLINE OR CRYSTALLINES)  
 380842 CRYST  
 1802 CRYSTS  
 382111 CRYST  
 (CRYST OR CRYSTS)  
 414930 CRYSTALLINE  
 (CRYSTALLINE OR CRYST)  
 L4 4 L3 AND (SOLVATE OR CRYSTALLINE)

=> d 14 1-4 ibib abs

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2007:63611 CAPLUS  
 DOCUMENT NUMBER: 146:148846  
 TITLE: Pharmaceutical propylene glycol solvate  
 compositions and method for preparation thereof  
 INVENTOR(S): Tawa, Mark; Almarsson, Orn; Remenar, Julius  
 PATENT ASSIGNEE(S): Transform Pharmaceuticals, Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 33pp., Cont.-in-part of Appl.  
 No. PCT/US03/41273.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 18  
 PATENT INFORMATION:

| PATENT NO.     | KIND   | DATE     | APPLICATION NO. | DATE     |
|----------------|--|----------|-----------------|----------|
| US 20070015841 | A1   | 20070118 | US 2003-747742  | 20031229 |
| US 6559293     | B1   | 20030506 | US 2002-232589  | 20020903 |
| US 20030166581 | A1   | 20030904 | US 2002-295995  | 20021118 |
| US 6699840     | B2   | 20040302 |                 |          |
| US 20030224006 | A1   | 20031204 | US 2003-378956  | 20030303 |
| US 20040019211 | A1   | 20040129 | US 2003-449307  | 20030530 |
| US 7078526     | B2   | 20060718 |                 |          |
| WO 2004000284  | A1   | 20031231 | WO 2003-US19574 | 20030620 |
| W:             | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW                     |          |                 |          |
| RW:            | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
| US 20050025791 | A1   | 20050203 | US 2003-601092  | 20030620 |
| US 20040053853 | A1   | 20040318 | US 2003-637829  | 20030808 |
| WO 2004078161  | A1   | 20040916 | WO 2003-US27772 | 20030904 |
| W:             | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                 |          |
| RW:            | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |

|                        |  |          |                 |             |
|------------------------|--|----------|-----------------|-------------|
| US 20070026078         | A1   | 20070201 | US 2003-660202  | 20030911    |
| WO 2004061433          | A1   | 20040722 | WO 2003-US41273 | 20031224    |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW     |          |                 |             |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |             |
| WO 2004063152          | A2   | 20040729 | WO 2004-US400   | 20040108    |
| WO 2004063152          | A3   | 20041111 |                 |             |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ   |          |                 |             |
| WO 2004089313          | A2   | 20041021 | WO 2004-US9947  | 20040331    |
| WO 2004089313          | A3   | 20051124 |                 |             |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                 |             |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |             |
| ZA 2004007377          | A  | 20051004 | ZA 2004-7377    | 20040914    |
| US 20060140985         | A1   | 20060629 | US 2005-541703  | 20050708    |
| PRIORITY APPLN. INFO.: |  |          | US 2002-356764P | P 20020215  |
|                        |  |          | US 2002-360768P | P 20020301  |
|                        |  |          | US 2002-380288P | P 20020515  |
|                        |  |          | US 2002-384152P | P 20020531  |
|                        |  |          | US 2002-390881P | P 20020621  |
|                        |  |          | US 2002-406974P | P 20020830  |
|                        |  |          | US 2002-232589  | A1 20020903 |
|                        |  |          | US 2002-426275P | P 20021114  |
|                        |  |          | US 2002-427086P | P 20021115  |
|                        |  |          | US 2002-295995  | A3 20021118 |
|                        |  |          | US 2002-428515P | P 20021122  |
|                        |  |          | US 2002-429515P | P 20021126  |
|                        |  |          | US 2002-437516P | P 20021230  |
|                        |  |          | US 2003-439282P | P 20030110  |
|                        |  |          | US 2003-441335P | P 20030121  |
|                        |  |          | US 2003-444315P | P 20030131  |
|                        |  |          | US 2003-451213P | P 20030228  |
|                        |  |          | US 2003-378956  | A2 20030303 |
|                        |  |          | US 2003-456027P | P 20030318  |
|                        |  |          | US 2003-456608P | P 20030321  |
|                        |  |          | US 2003-459501P | P 20030401  |
|                        |  |          | US 2003-463962P | P 20030418  |
|                        |  |          | US 2003-449307  | A2 20030530 |
|                        |  |          | US 2003-601092  | A2 20030620 |
|                        |  |          | WO 2003-US19574 | A2 20030620 |
|                        |  |          | US 2003-486713P | P 20030711  |

|                 |    |          |
|-----------------|----|----------|
| US 2003-487064P | P  | 20030711 |
| US 2003-637829  | A2 | 20030808 |
| WO 2003-US27772 | A2 | 20030904 |
| US 2003-660202  | A2 | 20030911 |
| WO 2003-US41273 | A2 | 20031224 |
| US 2003-439283P | P  | 20030110 |
| WO 2003-US28982 | A2 | 20030916 |
| US 2003-747742  | A  | 20031229 |
| WO 2003-US41642 | A  | 20031229 |
| WO 2004-US400   | W  | 20040108 |
| WO 2004-US6288  | A  | 20040226 |
| US 2004-548343P | P  | 20040227 |

AB The present invention provides a pharmaceutical composition comprising a propylene glycol solvate of a drug which is hygroscopic or has low aqueous solubility. It has surprisingly been found that by using propylene glycol to form a solvate of a hygroscopic drug, the hygroscopicity of the drug is decreased and/or the stability and aqueous solubility is increased. The drug is therefore much easier to formulate and store than its counterpart untreated or hydrated form.

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1251802 CAPLUS

DOCUMENT NUMBER: 146:33009

TITLE: Injections containing COX II inhibitors and NSAID for analgesic and antiinflammatory action

INVENTOR(S): Jain, Rajesh; Jindal, Kour Chand; Singh, Sukhjeet; Boldhane, Sanjay

PATENT ASSIGNEE(S): Panacea Biotec Ltd., India

SOURCE: PCT Int. Appl., 33pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.     | KIND   | DATE     | APPLICATION NO. | DATE     |
|----------------|--|----------|-----------------|----------|
| -----          | ----   | -----    | -----           | -----    |
| WO 2006126214  | A2   | 20061130 | WO 2006-IN177   | 20060525 |
| WO 2006126214  | A3   | 20070607 |                 |          |
| W:             | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                 |          |
| RW:            | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA   |          |                 |          |
| IN 2005DE01357 | A  | 20061208 | IN 2005-DE1357  | 20050527 |
| AU 2006250765  | A1   | 20061130 | AU 2006-250765  | 20060525 |
| CA 2609242     | A1   | 20061130 | CA 2006-2609242 | 20060525 |
| EP 1895983     | A2   | 20080312 | EP 2006-756263  | 20060525 |
| R:             | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU   |          |                 |          |



|                        |   |          |                  |            |
|------------------------|---|----------|------------------|------------|
| JP 2008542260          | T | 20081127 | JP 2008-513009   | 20060525   |
| MX 200714862           | A | 20080221 | MX 2007-14862    | 20071126   |
| NO 2007006468          | A | 20080227 | NO 2007-6468     | 20071214   |
| KR 2008016689          | A | 20080221 | KR 2007-730585   | 20071227   |
| CN 101217939           | A | 20080709 | CN 2006-80025093 | 20080109   |
| PRIORITY APPLN. INFO.: |   |          | IN 2005-DE1357   | A 20050527 |
|                        |   |          | WO 2006-IN177    | W 20060525 |

AB Novel and highly stable injectable pharmaceutical compns. comprising at least one cyclooxygenase-II enzyme (COX-II) inhibitor or non-steroidal anti-inflammatory drug (NSAID) or COX/LOX inhibitor, or its tautomeric forms, analogs, isomers, polymorphs, solvates, prodrugs or salts thereof as active ingredient suitable for parenteral administration preferably by i.m. or i.v. route; process of preparing such compns. and therapeutic methods of using such compns. are provided. The analgesic and anti-inflammatory injectable compns. of the present invention are very useful in mammals particularly in humans for the treatment of acute painful conditions like one or more of post-operative trauma, pain associated with cancer, sports injuries, migraine headache, neurol. pain and pain associated with sciatica and spondylitis, and the like, and/or chronic painful conditions, and/or a variety of painful and inflammatory conditions like postoperative pain, primary dysmenorrhea and painful osteoarthritis, and/or other associated disorders such as inflammation, fever, allergy, or the like. For example, injections contained nimesulide, PEG, propylene glycol, glycine and sodium hydroxide.

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:589401 CAPLUS  
DOCUMENT NUMBER: 141:128859  
TITLE: Pharmaceutical propylene glycol solvate compositions  
INVENTOR(S): Tawa, Mark; Almarsson, Oern; Remenar, Julius  
PATENT ASSIGNEE(S): Transform Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 317 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 18  
PATENT INFORMATION:

| PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE     |
|---------------|--|----------|-----------------|----------|
| -----         | ----   | -----    | -----           | -----    |
| WO 2004060347 | A2   | 20040722 | WO 2003-US41642 | 20031229 |
| WO 2004060347 | A3   | 20041104 |                 |          |
| W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                 |          |
| RW:           | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
| US 6559293    | B1   | 20030506 | US 2002-232589  | 20020903 |
| WO 2004000284 | A1   | 20031231 | WO 2003-US19574 | 20030620 |
| W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  |          |                 |          |

|                        |  |    |          |                            |
|------------------------|--|----|----------|----------------------------|
|                        | PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,    |    |          |                            |
|                        | UG, US, UZ, VN, YU, ZA, ZM, ZW                                     |    |          |                            |
| RW:                    | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,    |    |          |                            |
|                        | KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,    |    |          |                            |
|                        | FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,    |    |          |                            |
|                        | BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG     |    |          |                            |
| US                     | 20050025791  | A1 | 20050203 | US 2003-601092 20030620    |
| WO                     | 2004026235   | A2 | 20040401 | WO 2003-US28982 20030916   |
| WO                     | 2004026235   | A3 | 20040805 |                            |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,    |    |          |                            |
|                        | CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,    |    |          |                            |
|                        | GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,    |    |          |                            |
|                        | LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,    |    |          |                            |
|                        | PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,    |    |          |                            |
|                        | UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW                             |    |          |                            |
| RW:                    | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,    |    |          |                            |
|                        | KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,    |    |          |                            |
|                        | FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,    |    |          |                            |
|                        | BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG     |    |          |                            |
| WO                     | 2004061433   | A1 | 20040722 | WO 2003-US41273 20031224   |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,    |    |          |                            |
|                        | CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,    |    |          |                            |
|                        | GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,    |    |          |                            |
|                        | LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,    |    |          |                            |
|                        | NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,    |    |          |                            |
|                        | TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW         |    |          |                            |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,    |    |          |                            |
|                        | BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,    |    |          |                            |
|                        | ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,    |    |          |                            |
|                        | TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG |    |          |                            |
| AU                     | 2003300452   | A1 | 20040729 | AU 2003-300452 20031229    |
| WO                     | 2004089313   | A2 | 20041021 | WO 2004-US9947 20040331    |
| WO                     | 2004089313   | A3 | 20051124 |                            |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,    |    |          |                            |
|                        | CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,    |    |          |                            |
|                        | GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,    |    |          |                            |
|                        | LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,    |    |          |                            |
|                        | NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,    |    |          |                            |
|                        | TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW     |    |          |                            |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,    |    |          |                            |
|                        | BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,    |    |          |                            |
|                        | ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,    |    |          |                            |
|                        | SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,    |    |          |                            |
|                        | TD, TG   |    |          |                            |
| US                     | 20060140985  | A1 | 20060629 | US 2005-541703 20050708    |
| US                     | 20060223794  | A1 | 20061005 | US 2005-551014 20050929    |
| PRIORITY APPLN. INFO.: |  |    |          | US 2002-232589 A 20020903  |
|                        |  |    |          | US 2002-437516P P 20021230 |
|                        |  |    |          | US 2003-441335P P 20030121 |
|                        |  |    |          | US 2003-456027P P 20030318 |
|                        |  |    |          | US 2003-456608P P 20030321 |
|                        |  |    |          | US 2003-459501P P 20030401 |
|                        |  |    |          | US 2003-601092 A 20030620  |
|                        |  |    |          | WO 2003-US19574 A 20030620 |
|                        |  |    |          | US 2003-486713P P 20030711 |
|                        |  |    |          | WO 2003-US28982 A 20030916 |
|                        |  |    |          | WO 2003-US41273 A 20031224 |
|                        |  |    |          | US 2002-356764P P 20020215 |
|                        |  |    |          | US 2002-360768P P 20020301 |

|    |              |    |          |
|----|--------------|----|----------|
| US | 2002-380288P | P  | 20020515 |
| US | 2002-384152P | P  | 20020531 |
| US | 2002-390881P | P  | 20020621 |
| US | 2002-406974P | P  | 20020830 |
| US | 2002-412459P | P  | 20020920 |
| US | 2002-426275P | P  | 20021114 |
| US | 2002-427086P | P  | 20021115 |
| US | 2002-295995  | A3 | 20021118 |
| US | 2002-428515P | P  | 20021122 |
| US | 2002-429515P | P  | 20021126 |
| US | 2003-439282P | P  | 20030110 |
| US | 2003-439283P | P  | 20030110 |
| US | 2003-444315P | P  | 20030131 |
| US | 2003-451213P | P  | 20030228 |
| US | 2003-378956  | A  | 20030303 |
| US | 2003-463962P | P  | 20030418 |
| US | 2003-449307  | A  | 20030530 |
| US | 2003-487064P | P  | 20030711 |
| US | 2003-637829  | A  | 20030808 |
| WO | 2003-US27772 | A2 | 20030904 |
| US | 2003-660202  | A2 | 20030911 |
| US | 2003-747742  | A  | 20031229 |
| US | 2004-747742  | A1 | 20031229 |
| WO | 2003-US41642 | W  | 20031229 |
| WO | 2004-US400   | W  | 20040108 |
| WO | 2004-US6288  | A  | 20040226 |
| US | 2004-548343P | P  | 20040227 |
| WO | 2004-US9947  | W  | 20040331 |

AB The invention relates to pharmaceutical compns. comprising propylene glycol solvates of active pharmaceutical ingredients (APIs) which are hygroscopic or has low aqueous solubility The composition comprises solvate characterized by (i) the mole ratio of propylene glycol to API in the range of 0.25 to 2; (ii) a crystalline form, (iii) a powder X-ray diffraction spectrum which differs from the corresponding powder X-ray diffraction spectrum of the unsolvated API by at least one property, (iv) stability to temps. of up to 50° under a stream of gas in a thermogravimetric anal. apparatus, (v) the API is optionally in the form of a metal salt, such as an alkali or an alkaline earth metal salt, (vi) the API has low aqueous solubility and is selected from steroid drugs, and (vii) the composition further comprises a pharmaceutically-acceptable diluent, excipient or carrier. A method for preparing a propylene glycol solvate of an API comprises (a) contacting propylene glycol with an API in solution, (b) crystallizing a propylene glycol solvate of the API from the solution, and (c) isolating the solvate. For example, to a solution of celecoxib (253 mg, 0.664 mmol) in di-Et ether (6 mL) was added propylene glycol (0.075 mL, 102 mmol). To the clear solution was added potassium t-butoxide in THF (1 M, 0.66 mL, 0.66 mmol). Crystals immediately began to form and after 5 min the solid had completely crystallized The crystalline salt form was found to be a 1:1 propylene glycol solvate of celecoxib potassium salt.

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:269999 CAPLUS

DOCUMENT NUMBER: 140:309372

TITLE: Pharmaceutical compositions with improved dissolution

INVENTOR(S): Remenar, Julius; Peterson, Matthew; Almarsson, Om; Guzman, Hector; Chen, Hongming; Tawa, Mark; Oliveira, Mark

PATENT ASSIGNEE(S): Transform Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 185 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 18  
 PATENT INFORMATION:

| PATENT NO.             | KIND   | DATE     | APPLICATION NO. | DATE       |
|------------------------|--|----------|-----------------|------------|
| WO 2004026235          | A2   | 20040401 | WO 2003-US28982 | 20030916   |
| WO 2004026235          | A3   | 20040805 |                 |            |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW                     |          |                 |            |
| RW:                    | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |            |
| AU 2003267231          | A1   | 20040408 | AU 2003-267231  | 20030916   |
| CA 2511881             | A1   | 20040722 | CA 2003-2511881 | 20031224   |
| WO 2004061433          | A1   | 20040722 | WO 2003-US41273 | 20031224   |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                 |            |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |            |
| AU 2003303591          | A1   | 20040729 | AU 2003-303591  | 20031224   |
| EP 1579198             | A1   | 20050928 | EP 2003-808567  | 20031224   |
| R:                     | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |          |                 |            |
| JP 2006517527          | T  | 20060727 | JP 2005-508617  | 20031224   |
| WO 2004060347          | A2   | 20040722 | WO 2003-US41642 | 20031229   |
| WO 2004060347          | A3   | 20041104 |                 |            |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW     |          |                 |            |
| RW:                    | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |            |
| AU 2003300452          | A1   | 20040729 | AU 2003-300452  | 20031229   |
| US 20060052432         | A1   | 20060309 | US 2005-528244  | 20050317   |
| US 20060134198         | A1   | 20060622 | US 2005-541216  | 20050629   |
| US 20060140985         | A1   | 20060629 | US 2005-541703  | 20050708   |
| PRIORITY APPLN. INFO.: |  |          | US 2002-412459P | P 20020920 |
|                        |  |          | US 2002-426275P | P 20021114 |
|                        |  |          | US 2002-427086P | P 20021115 |

|    |              |   |          |
|----|--------------|---|----------|
| US | 2002-429515P | P | 20021126 |
| US | 2002-437516P | P | 20021230 |
| US | 2003-456027P | P | 20030318 |
| US | 2002-232589  | A | 20020903 |
| US | 2003-439283P | P | 20030110 |
| US | 2003-441335P | P | 20030121 |
| US | 2003-451213P | P | 20030228 |
| US | 2003-378956  | A | 20030303 |
| US | 2003-456608P | P | 20030321 |
| US | 2003-459501P | P | 20030401 |
| US | 2003-449307  | A | 20030530 |
| US | 2003-601092  | A | 20030620 |
| WO | 2003-US19574 | A | 20030620 |
| US | 2003-486713P | P | 20030711 |
| US | 2003-487064P | P | 20030711 |
| US | 2003-637829  | A | 20030808 |
| WO | 2003-US27772 | A | 20030904 |
| US | 2003-660202  | A | 20030911 |
| WO | 2003-US28982 | W | 20030916 |
| WO | 2003-US41273 | W | 20031224 |
| WO | 2003-US41642 | W | 20031229 |
| WO | 2004-US400   | W | 20040108 |

AB The invention relates to methods of screening mixts. containing a pharmaceutical compound and an excipient to identify properties of the pharmaceutical compound/excipient combination that retard solid-state nucleation. The invention further relates to increasing the solubility, dissoln. and bioavailability of a drug with low solubility in gastric fluids conditions by combining the drug with a precipitation retardant and an optional enhancer. For example, celecoxib sodium salt was prepared from 126.3 mg of celecoxib in isopropanol and sodium ethoxide (21% ethanol solution). Water was added to a 1:4 mixture of celecoxib sodium salt and polyvinylpyrrolidone to obtain a clear solution. The solution was stable for at least 15 min, after which time, crystals of neutral celecoxib began to form. Crystalline neutral celecoxib did not dissolve when added to aqueous polyvinylpyrrolidone or when water was added to a dry blend of neutral crystalline celecoxib and polyvinylpyrrolidone.

=> logoff hold

|  |            |         |
|--|------------|---------|
| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 16.36      | 31.79   |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -3.20      | -3.20   |

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 11:30:05 ON 24 DEC 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajsl1623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008  
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000  
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent  
number searching  
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing  
enhanced  
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT  
Applications  
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of  
pre-registered REACH substances  
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic  
substances identified in English-, French-, German-,  
and Japanese-language basic patents from 2004-present  
NEWS 9 NOV 26 MARPAT enhanced with FSORT command  
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts  
availability of new fully-indexed citations  
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy  
NEWS 12 NOV 26 Two new SET commands increase convenience of STN  
searching  
NEWS 13 DEC 01 ChemPort single article sales feature unavailable  
NEWS 14 DEC 12 GBFULL now offers single source for full-text  
coverage of complete UK patent families  
NEWS 15 DEC 17 Fifty-one pharmaceutical ingredients added to PS  
  
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:56:21 ON 24 DEC 2008

=> b reg

| COST IN U.S. DOLLARS | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST  | 0.21                | 0.21             |

FILE 'REGISTRY' ENTERED AT 13:56:55 ON 24 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2  
DICTIONARY FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e 57-55-6/rn

|     |       |            |
|-----|-------|------------|
| E1  | 1     | 57-53-4/RN |
| E2  | 1     | 57-54-5/RN |
| E3  | 1 --> | 57-55-6/RN |
| E4  | 1     | 57-56-7/RN |
| E5  | 1     | 57-57-8/RN |
| E6  | 1     | 57-60-3/RN |
| E7  | 1     | 57-61-4/RN |
| E8  | 1     | 57-62-5/RN |
| E9  | 1     | 57-63-6/RN |
| E10 | 1     | 57-64-7/RN |
| E11 | 1     | 57-65-8/RN |
| E12 | 1     | 57-66-9/RN |

=> s e3

L1 1 57-55-6/RN

=> b caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 0.46             | 0.67          |

FILE 'CAPLUS' ENTERED AT 13:57:13 ON 24 DEC 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 24 Dec 2008 VOL 149 ISS 26  
FILE LAST UPDATED: 23 Dec 2008 (20081223/ED)

Caplus now includes complete International Patent Classification (IPC)  
reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s l1 and solvate
      32747 L1
      11283 SOLVATE
      7474 SOLVATES
      17238 SOLVATE
              (SOLVATE OR SOLVATES)
L2      85 L1 AND SOLVATE

=> s l2 and py<=2002
      22964578 PY<=2002
L3      34 L2 AND PY<=2002

=> s l3 and (NSAID or celecoxib or celebrex or sulfonamide or COX?)
      6662 NSAID
      6397 NSAIDS
      9621 NSAID
              (NSAID OR NSAIDS)
      3596 CELECOXIB
      291 CELEBREX
      23682 SULFONAMIDE
      19058 SULFONAMIDES
      33661 SULFONAMIDE
              (SULFONAMIDE OR SULFONAMIDES)
      40519 COX?
L4      2 L3 AND (NSAID OR CELECOXIB OR CELEBREX OR SULFONAMIDE OR COX?)

=> d l4 ibib abs 1-2
```

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:964313 CAPLUS  
DOCUMENT NUMBER: 138:55745  
TITLE: Preparation of substituted 3-phenyl-2-alkoxypropanoic  
acids and analogs as modulators of peroxisome  
proliferator activated receptors for treatment of  
diabetes and related conditions  
INVENTOR(S): Brooks, Dawn Alisa; Warshawsky, Alan M.;  
Montrose-Rafezadeh, Chahrzad; Reifel-Miller, Anne;  
Prieto, Lourdes; Rojo, Isabel; Martin, Jose Alfredo;  
Gonzales Garcia, Maria Rosario; Torrado, Alicia;  
Ferritto Crespo, Rafael; Lamas-Peteira, Carlos;  
Martin-Ortega Finger, Maria; Ardecky, Robert J.  
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Ligand Pharmaceuticals  
Incorporated  
SOURCE: PCT Int. Appl., 458 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English

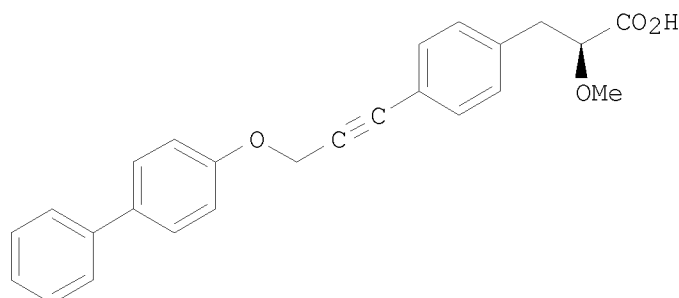
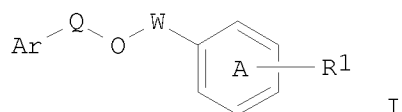


FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE         |
|---|------|----------|-----------------|--------------|
| WO 2002100813   | A2   | 20021219 | WO 2002-US16950 | 20020530 <-- |
| WO 2002100813   | A3   | 20031127 |                 |              |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW |      |          |                 |              |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |              |
| CA 2449256  | A1   | 20021219 | CA 2002-2449256 | 20020530 <-- |
| AU 2002312147   | A1   | 20021223 | AU 2002-312147  | 20020530 <-- |
| EE 200400001  | A    | 20040216 | EE 2004-1       | 20020530     |
| EP 1392637  | A2   | 20040303 | EP 2002-739503  | 20020530     |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |      |          |                 |              |
| BR 2002010190   | A    | 20040406 | BR 2002-10190   | 20020530     |
| CN 1543451  | A    | 20041103 | CN 2002-811530  | 20020530     |
| HU 2004000280   | A2   | 20050128 | HU 2004-280     | 20020530     |
| HU 2004000280   | A3   | 20060130 |                 |              |
| JP 2005509590   | T    | 20050414 | JP 2003-503584  | 20020530     |
| NZ 529351   | A    | 20060127 | NZ 2002-529351  | 20020530     |
| IN 2003KN01456  | A    | 20060414 | IN 2003-KN1456  | 20031110     |
| ZA 2003008863   | A    | 20050214 | ZA 2003-8863    | 20031113     |
| US 20050020684  | A1   | 20050127 | US 2003-479262  | 20031201     |
| US 7192982  | B2   | 20070320 |                 |              |
| MX 2003PA11201  | A    | 20040226 | MX 2003-PA11201 | 20031204     |
| US 20070276138  | A1   | 20071129 | US 2006-637223  | 20061211     |
| PRIORITY APPLN. INFO.:  |      |          | US 2001-297144P | P 20010607   |
|   |      |          | WO 2002-US16950 | W 20020530   |
|   |      |          | US 2003-479262  | A1 20031201  |

OTHER SOURCE(S): MARPAT 138:55745  
GI



AB Title compds. I [wherein Ar = (un)substituted aryl; Q = covalent bond, CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>, or CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>; W = (un)substituted (hetero)alkylene from 2-10 atoms in length in which 1 or more methylene groups have been replaced with CH=CH, C.tplbond.C, O, CO, NR<sup>7</sup>, NR<sup>7</sup>CO, C(=NOH), S, SO, SO<sub>2</sub>, or CHNR<sup>7</sup>R<sup>8</sup>; ring A is optionally substituted with up to 4 substituents in addition to R<sub>1</sub>; R<sub>1</sub> = (CH<sub>2</sub>)<sub>n</sub>CH(OR<sub>2</sub>)(CH<sub>2</sub>)<sub>m</sub>E, CH=C(OR<sub>2</sub>)(CH<sub>2</sub>)<sub>m</sub>E, (CH<sub>2</sub>)<sub>n</sub>CHY(CH<sub>2</sub>)<sub>m</sub>E, or CH=CY(CH<sub>2</sub>)<sub>m</sub>E; E = CO<sub>2</sub>R<sub>3</sub>, alkyl nitrile, carboxamide, or (un)substituted sulfonamide, acylsulfonamide, or tetrazole; R<sub>2</sub> = H, haloalkyl, COR<sub>4</sub>, CO<sub>2</sub>R<sub>4</sub>, CONR<sub>5</sub>R<sub>6</sub>, CSR<sub>4</sub>, CSOR<sub>4</sub>, CSNR<sub>5</sub>R<sub>6</sub>, or (un)substituted aliphatic group, aralkyl, or aryl; Y = O, CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>, or CH=CH bonded ortho to R<sub>1</sub> on ring A; R<sub>3</sub>-R<sub>8</sub> = independently H or (un)substituted aliphatic group or aryl; m and n = independently 0-2; or pharmaceutically acceptable salts, hydrates, stereoisomers, or solvates thereof] were prepared by solution phase and solid phase synthetic methods as peroxisome proliferator activated receptor (PPAR) modulators (no data). For example, (S)-2-methoxy-3-hydroxyphenylpropanoic acid Et ester was treated with Ph triflimide to give the 4-trifluoromethanesulfonyloxyphenyl derivative (97%). Substitution with propargyl alc. in the presence of PdCl<sub>2</sub>(PPh<sub>3</sub>)<sub>2</sub> and TEA in DMF afforded the 4-(3-hydroxyprop-1-ynyl)phenyl intermediate (32%), which was coupled with 4-phenylphenol using the Mitsunobu procedure to give II. Binding and cotransfection studies showed that many of the compds. of the invention are selective PPAR<sub>γ</sub> agonists or PPAR<sub>α</sub>/PPAR<sub>γ</sub> co-agonists (no data). Thus, I are useful for the treatment of hyperglycemia, dyslipidemia, Type I or II diabetes, hypertriglyceridemia, syndrome X, insulin resistance, heart failure, diabetic dyslipidemia, hyperlipidemia, hypercholesterolemia, hypertension, obesity, anorexia bulimia, polycystic ovarian syndrome, anorexia nervosa, cardiovascular disease or other diseases where insulin resistance is a component (no data).

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1991:49473 CAPLUS  
DOCUMENT NUMBER: 114:49473  
ORIGINAL REFERENCE NO.: 114:8441a,8444a  
TITLE: Influence of solvent composition on the solubilities and solid-state properties of the sodium salts of some drugs  
AUTHOR(S): Rubino, Joseph T.; Thomas, Elizabeth  
CORPORATE SOURCE: Sch. Pharm., Univ. North Carolina, Chapel Hill, NC, 27599-7360, USA  
SOURCE: International Journal of Pharmaceutics (1990), 65(1-2), 141-5  
CODEN: IJPHDE; ISSN: 0378-5173  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB The solubilities of the Na salts of some sulfonamides, barbiturates and hydantoins were determined in mixts. of propylene glycol and water. In many cases, the solubilities of the salts in the mixed solvents were lower than those in water, however, several compds. exhibited enhanced solubilities in the mixed solvents. This unexpected increase in solubility was not related to the lipophilicity of the acidic forms of the drugs and occurred in at least one member of each group of compds. Anal. of the solid phase which had been equilibrated with each solvent indicated the formation of crystal hydrates for most of the solutes, and in at least one instance, mixed solvates. These compds. could be categorized on the basis of their desolvation temps. Those compds. with

low temps. of desolvation had increased solubilities in propylene glycol-water mixts. while compds. with high desolvation temps. had decreased solubilities in the mixed solvents. These data indicate that crystal hydrate formation plays a significant role in determining if a cosolvent can be used to enhance the solubilities of certain sodium salts.

=> d l3 1- ti

YOU HAVE REQUESTED DATA FROM 34 ANSWERS - CONTINUE? Y/(N):y

- L3 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Preparation of substituted 3-phenyl-2-alkoxypropanoic acids and analogs as modulators of peroxisome proliferator activated receptors for treatment of diabetes and related conditions
- L3 ANSWER 2 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Pharmaceutical aerosol formulation
- L3 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Preparation of eplerenone crystalline form
- L3 ANSWER 4 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Pharmaceuticals containing alkoxybenzimidazoles for inhibition of gastric acid secretion
- L3 ANSWER 5 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Compositions containing 4-(4-chloro-2-hydroxybenzoyl)aminobutyric acid and its salts for delivering active agents
- L3 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Pharmaceutical anti-inflammatory aerosol formulation containing a hydrofluoroalkane propellant
- L3 ANSWER 7 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Dry blend of methoxybenzimidazole derivs. for oral dosage forms
- L3 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cyclodextrin-containing pharmaceutical formulations for benzimidazole derivatives
- L3 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Oily compositions containing highly fat-soluble drugs
- L3 ANSWER 10 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Eplerenone crystalline form exhibiting enhanced dissolution rate
- L3 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Eplerenone crystalline form
- L3 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Pharmaceuticals containing alkoxybenzimidazoles for inhibition of gastric acid secretion
- L3 ANSWER 13 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Pharmaceutical compositions comprising a 1,2,4-triazolo[1,5-a]pyrimidine derivative and cyclodextrin
- L3 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN

TI Medicinal composition for percutaneous administration  
 L3 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Pharmaceutical compositions containing cyclodextrins and taxoids  
 L3 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Cyclodextrins as permeation enhancers: some theoretical evaluations and in vitro testing  
 L3 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Dicyclanil polymorphs and hydrates and their preparation  
 L3 ANSWER 18 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Preparation and formulation of an androstenone derivative for treatment of androgen-related diseases  
 L3 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Role of cosolvent in hydrophobic interactions. Calorimetric studies in alkanols in concentrated aqueous solutions of urea at 298 K  
 L3 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Minimizing precipitation in parenteral pharmaceutical compositions containing GF120918A  
 L3 ANSWER 21 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Time-resolved fluorescence relaxation of 3-methylflumiflavin in polar solution  
 L3 ANSWER 22 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Formation and properties of pentacoordinate silicon glycolates  
 L3 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Pharmaceutical compositions comprising 5-HT<sub>1</sub> receptor agonists and absorption enhancers  
 L3 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Influence of solvent composition on the solubilities and solid-state properties of the sodium salts of some drugs  
 L3 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Thrombolytic pharmaceutical combinations containing a piperidinylcyclopentylheptenoic acid derivative  
 L3 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Spectroscopic study of the solvolysis products of silicon tetrafluoride by 1,2-diols  
 L3 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Lipid-protein-partitioning (LPP) theory of skin enhancer activity: finite dose technique  
 L3 ANSWER 28 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Effect of crystallinity and excipients on absorption and excretion patterns of ibuprofen and lorazepam  
 L3 ANSWER 29 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Outer-sphere interaction of solvates of aluminum and gallium with competing anions in a solution of 1,2-propanediol

L3 ANSWER 30 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cefatrizine propylene glycol solvate

L3 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cholesterol solubility in organic solvents

L3 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI The velocity of cleavage with lead tetraacetate in relation to the constitution and configuration of the glycol. III

L3 ANSWER 33 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Solubility of iodine in glycol-water solutions

L3 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Lead chloride-ethylene glycol-water system at 25°

=> d his

(FILE 'HOME' ENTERED AT 13:56:21 ON 24 DEC 2008)

FILE 'REGISTRY' ENTERED AT 13:56:55 ON 24 DEC 2008  
E 57-55-6/RN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 13:57:13 ON 24 DEC 2008

L2 85 S L1 AND SOLVATE  
L3 34 S L2 AND PY<=2002  
L4 2 S L3 AND (NSAID OR CELECOXIB OR CELEBREX OR SULFONAMIDE OR COX?)

=> logoff hold

|  |            |         |
|--|------------|---------|
| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 35.78      | 36.45   |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -1.60      | -1.60   |

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 14:00:33 ON 24 DEC 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajsl1623

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 14:07:33 ON 24 DEC 2008  
FILE 'CAPLUS' ENTERED AT 14:07:33 ON 24 DEC 2008  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

|                      |            |         |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL   |
|                      | ENTRY      | SESSION |

|  |            |         |
|--|------------|---------|
| FULL ESTIMATED COST                        | 35.78      | 36.45   |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -1.60      | -1.60   |
| => b reg                                   |            |         |
| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 35.78      | 36.45   |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | -1.60      | -1.60   |

FILE 'REGISTRY' ENTERED AT 14:07:40 ON 24 DEC 2008  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2  
 DICTIONARY FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
 predicted properties as well as tags indicating availability of  
 experimental property data in the original document. For information  
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e celecoxib

|     |       |              |
|-----|-------|--------------|
| E1  | 3     | CELEC/BI     |
| E2  | 1     | CELECOX/BI   |
| E3  | 7 --> | CELECOXIB/BI |
| E4  | 6     | CELECT/BI    |
| E5  | 1     | CELECTOL/BI  |
| E6  | 1     | CELEHEX/BI   |
| E7  | 1     | CELEKA/BI    |
| E8  | 1     | CELELL/BI    |
| E9  | 1     | CELELLOSE/BI |
| E10 | 9     | CELEMIA/BI   |
| E11 | 1     | CELEMIC/BI   |
| E12 | 11    | CELEN/BI     |

=> e celecoxib/cn

|    |       |                      |
|----|-------|----------------------|
| E1 | 1     | CELEC K/CN           |
| E2 | 1     | CELECOX/CN           |
| E3 | 1 --> | CELECOXIB/CN         |
| E4 | 1     | CELECOXIB CALCIUM/CN |

|     |   |                             |
|-----|---|-----------------------------|
| E5  | 1 | CELECOXIB LITHIUM/CN        |
| E6  | 1 | CELECOXIB POTASSIUM/CN      |
| E7  | 1 | CELECOXIB SODIUM/CN         |
| E8  | 1 | CELECOXIB SODIUM HYDRATE/CN |
| E9  | 1 | CELECT AMINE/CN             |
| E10 | 1 | CELECT H 150/CN             |
| E11 | 1 | CELECT H 75/CN              |
| E12 | 1 | CELECT P 175/CN             |

=> e 4-[5-(4-methylphenyl)-3-(trifluoromethyl)pyrazol-1-yl]benzenesulfonamide/cn

|     |       |  |
|-----|-------|--|
| E1  | 1     | 4,N-DIMETHYLQUINOLINIUM IODIDE/CN  |
| E2  | 1     | 4,STILBENAMINE, N,N-DIMETHYL-2',4'-BIS(PHENYLSULFONYL)-/CN   |
| E3  | 0 --> | 4-5-(4-METHYLPHENYL)-3-(TRIFLUOROMETHYL)PYRAZOL-1-YL BENZENESULFONAMIDE/CN   |
| E4  | 1     | 4-((((1,1-DIMETHYLETHYL)OXY)CARBONYL)AMINO)METHYL)BENZOIC ACID/CN  |
| E5  | 1     | 4-((((1-CARBOXY-2-MERCAPTOETHYL)CARBAMOYL)METHOXY)CARBONYL)AMINO)-2-HYDROXYBENZOIC ACID/CN   |
| E6  | 1     | 4-((((1R,2S)-2-((3AR,4R,9BR)-4-PHENYL-2,3,3A,4,5,9B-HEXAHYDRO-1H-PYRROLO(3,2-C)QUINOLIN-1-YL)CARBONYL)CYCLOHEXYL)AMINO)CARBONYL)AMINO)BENZAMIDE/CN       |
| E7  | 1     | 4-((((5-CYCLOPROPYL-1H-PYRAZOL-3-YL)AMINO)CARBONYL)AMINO)METHYL)BENZENESULFONAMIDE/CN  |
| E8  | 1     | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-1-NAPHTHYL N,N-DIETHYLCARBAMATE/CN |
| E9  | 1     | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-2,3,5-TRIMETHYLBENZOIC ACID/CN     |
| E10 | 1     | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-2,3,5-TRIMETHYLPHENYL ACETATE/CN   |
| E11 | 1     | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-2-NAPHTHOIC ACID/CN                |
| E12 | 1     | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-2-NAPHTHYL ACETATE/CN              |

=> e

|     |   |   |
|-----|---|---|
| E13 | 1 | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-2-NAPHTHYL N,N-DIMETHYLCARBAMATE/CN |
| E14 | 1 | 4-((((9AS)-8-ACETYL-1,7-DIHYDROXY-3-METHOXY-9A-METHYL-9-OXO-9,9A-DIHYDRODIBENZO(B,D)FURAN-4-YL)CARBONYL)AMINO)METHYL)-3,5-DIMETHYLPHENYL ACETATE/CN       |
| E15 | 1 | 4-((((FLUOREN-9-YLMETHOXYCARBONYLAMINO))THIOXOMETHYL)AMINO)METHYL)-4-FLUOROPIPERIDINE-1-CARBOXYLIC ACID TERT-BUTYL ESTER/CN                               |
| E16 | 1 | 4-((((P-NITROBENZYL)OXY)CARBONYL)AMINO)METHYL)ANILINE/CN  |
| E17 | 1 | 4-((((1,1'-BIPHENYL)-4-YL)CARBONYL)AMINO)-2-(METHYLTHIO)-1-PHENYL-1H-IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER/CN   |
| E18 | 1 | 4-((((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)METHYL)BENZENAMINE/CN   |
| E19 | 1 | 4-((((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)METHYL)PHENOL/CN  |
| E20 | 1 | 4-((((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)METHYL)PYRIDINE/CN  |
| E21 | 1 | 4-((((1,1-DIMETHYLETHYL)OXY)CARBONYL)AMINO)-2-PHENYLBUTANOIC ACID/CN  |
| E22 | 1 | 4-((((1,1-DIMETHYLETHYL)OXY)CARBONYL)AMINO)-3-PHENYLBUTANOIC  |

|      |   |  |
|------|---|--|
|      |   | ACID/CN  |
| E23  | 1 | 4-(((1,1-DIMETHYLETHYL) OXY) CARBONYL) AMINO)-4-(3-METHYLPHENYL) BUTANOIC ACID/CN  |
| E24  | 1 | 4-(((1,1-DIMETHYLETHYL) OXY) CARBONYL) AMINO)-4-PHENYLBUTANOIC ACID/CN   |
| => e |   |  |
| E25  | 1 | 4-(((1,1-DIMETHYLETHYL) OXY) CARBONYL) AMINO) CYCLOHEXANECARBOXYLIC ACID/CN  |
| E26  | 1 | 4-(((1,3-BENZOTHAZOL-2-YL) ((4-NITROPHENYL) SULFONYL) AMINO) CARBOTHIOYL) ((4-NITROPHENYL) SULFONYL) AMINO) PHTHALIC ACID/CN   |
| E27  | 1 | 4-(((1-((2,4-DICHLORO-3-((2-METHYL-4-(1H-1,2,4-TRIAZOL-1-YL)-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINEACETIC ACID 1,1-DIMETHYLETHYL ESTER/CN     |
| E28  | 1 | 4-(((1-((2,4-DICHLORO-3-((2-METHYL-4-(1H-1,2,4-TRIAZOL-1-YL)-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINECARBOXYLIC ACID 1,1-DIMETHYLETHYL ESTER/CN |
| E29  | 1 | 4-(((1-((2,4-DICHLORO-3-((2-METHYL-4-(1H-1,2,4-TRIAZOL-1-YL)-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINEACETIC ACID BISTRIFLUORACETATE/CN          |
| E30  | 1 | 4-(((1-((2,4-DICHLORO-3-((2-METHYL-4-(1H-PYRAZOL-1-YL)-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINECARBOXYLIC ACID 1,1-DIMETHYLETHYL ESTER/CN       |
| E31  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-G-EXO-1-PIPERIDINEBUTANOIC ACID/CN                          |
| E32  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINEACETIC ACID 1,1-DIMETHYLETHYL ESTER/CN          |
| E33  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINEBUTANOIC ACID/CN                                |
| E34  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINECARBOXYLIC ACID 1,1-DIMETHYLETHYL ESTER/CN      |
| E35  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-1-PIPERIDINEPROPANOIC ACID/CN                               |
| E36  | 1 | 4-(((1-((2,4-DICHLORO-3-((4-(1H-IMIDAZOL-1-YL)-2-METHYL-8-QUINOLINYL) OXY) METHYL) PHENYL) SULFONYL)-2(S)-PYRROLIDINYL) CARBONYL) AMINO) METHYL)-B-EXO-1-PIPERIDINEPROPANOIC ACID 1,1-DIMETHYLETHYL EST/CN   |

=> b stng

|  |                  |               |
|--|------------------|---------------|
| COST IN U.S. DOLLARS                       | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST                        | 0.46             | 36.91         |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE                        | 0.00             | -1.60         |

FILE 'STNGUIDE' ENTERED AT 14:08:32 ON 24 DEC 2008



USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Dec 19, 2008 (20081219/UP).

=>

=> d his

(FILE 'HOME' ENTERED AT 13:56:21 ON 24 DEC 2008)

FILE 'REGISTRY' ENTERED AT 13:56:55 ON 24 DEC 2008

E 57-55-6/RN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 13:57:13 ON 24 DEC 2008

L2 85 S L1 AND SOLVATE

L3 34 S L2 AND PY<=2002

L4 2 S L3 AND (NSAID OR CELECOXIB OR CELEBREX OR SULFONAMIDE OR COX?)

FILE 'REGISTRY' ENTERED AT 14:07:40 ON 24 DEC 2008

E CELECOXIB

E CELECOXIB/CN

E 4-[5-(4-METHYLPHENYL)-3-(TRIFLUOROMETHYL)PYRAZOL-1-YL]BENZENE

FILE 'STNGUIDE' ENTERED AT 14:08:32 ON 24 DEC 2008

=> b caplus

|  |            |         |
|--|------------|---------|
| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 1.14       | 38.05   |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY      | SESSION |
| CA SUBSCRIBER PRICE                        | 0.00       | -1.60   |

FILE 'CAPLUS' ENTERED AT 14:19:50 ON 24 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 24 Dec 2008 VOL 149 ISS 26

FILE LAST UPDATED: 23 Dec 2008 (20081223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.

They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s us20070015841/pn

L5 7 US20070015841/PN

=> analyze l5

ENTER ANSWER NUMBER OR RANGE (1-):1-

ENTER DISPLAY CODE (TI) OR ?:rn

L6 ANALYZE L5 1- RN : 144 TERMS

=> b reg

| COST IN U.S. DOLLARS | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST  | 14.25               | 52.30            |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|--|---------------------|------------------|
| CA SUBSCRIBER PRICE                        | 0.00                | -1.60            |

FILE 'REGISTRY' ENTERED AT 14:20:30 ON 24 DEC 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2  
DICTIONARY FILE UPDATES: 23 DEC 2008 HIGHEST RN 1089286-03-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s l6

L7 144 L6

=> s l7 and glycol/cns

46328 GLYCOL/CNS

L8 4 L7 AND GLYCOL/CNS

=> d l8 1-4

L8 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 106392-12-5 REGISTRY  
ED Entered STN: 31 Jan 1987  
CN Oxirane, 2-methyl-, polymer with oxirane, block (CA INDEX NAME)

OTHER NAMES:

CN Adeka 25R1  
 CN Adeka 25R2  
 CN Adeka CM 381  
 CN Adeka L 61  
 CN Adeka Pluronic 25R2  
 CN Adekanol L 44  
 CN Antarox 17R2  
 CN Antarox 25R2  
 CN Antarox B 25  
 CN Antarox F 108  
 CN Antarox F 68  
 CN Antarox F 88  
 CN Antarox F 88FL  
 CN Antarox L 61  
 CN Antarox L 64  
 CN Antarox L 72  
 CN Antarox P 104  
 CN Antarox P 84  
 CN Arco Polyol R 2633  
 CN Arcol E 351  
 CN B 053  
 CN BASF-L 101  
 CN Block polyethylene-polypropylene glycol  
 CN Block polyoxyethylene-polyoxypropylene  
 CN Breox BL 19-10  
 CN Caradol ED 56-07  
 CN Cirrasol ALN-WS  
 CN Conion AEP 1220  
 CN Crisvon Assistor SD 14  
 CN CRL 1029  
 CN CRL 1190  
 CN CRL 1605  
 CN CRL 8131  
 CN CRL 8142  
 CN D 500  
 CN D 500 (polyglycol)  
 CN DC 100  
 CN Dehypon KE 3557  
 CN Detalan  
 CN Dissolvant 4411  
 CN DO 97  
 CN Dowfax 30C05  
 CN ED 56  
 CN Emkarox VG 681W  
 CN Empilan P 7068  
 CN Emulgen PP 230  
 CN Emulsogen 3510  
 CN Emulsogen V 1816  
 CN EP 3028  
 CN Epan 450  
 CN Ethylene glycol-propylene glycol block copolymer  
 CN Ethylene oxide-propylene oxide block copolymer dipropylene glycol ether  
 CN Ethylene oxide-propylene oxide block copolymer ether with ethylene glycol  
 CN Ethylene oxide-propylene oxide block copolymer, ether with propylene glycol (2:1)  
 CN Polyethylene glycol-polypropylene glycol block copolymer

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 912934-92-0, 874281-09-1, 11104-97-5, 162774-62-1, 163516-02-7,  
124057-62-1, 121089-00-7, 134092-42-5, 96639-37-1, 96958-14-4, 99040-06-9,  
106138-19-6, 113441-83-1, 115742-90-0, 108688-61-5, 108688-62-6,  
37349-41-0, 70226-19-6, 72231-62-0, 77108-15-7, 80456-04-8, 144638-32-4,  
83589-65-5, 86904-45-2, 106899-85-8, 107498-07-7, 108340-62-1,  
178463-44-0, 188815-93-2, 194165-56-5, 197179-49-0, 200338-43-8,  
200338-47-2, 211389-05-8, 238075-26-8, 351002-57-8, 355134-17-7,  
406160-61-0, 441053-13-0, 441053-14-1

MF (C3 H6 O . C2 H4 O)x

CI PMS, COM

PCT Polyether, Polyether formed

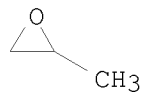
SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, CA, CAPLUS,  
CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU,  
IMSDRUGNEWS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PIRA,  
PROMT, RTECS\*, TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD  
(\*File contains numerically searchable property data)

CM 1

CRN 75-56-9

CMF C3 H6 O



CM 2

CRN 75-21-8

CMF C2 H4 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12823 REFERENCES IN FILE CA (1907 TO DATE)

1042 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

12877 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN

RN 9004-96-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[(9Z)-1-oxo-9-octadecen-1-yl]- $\omega$ -  
hydroxy- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oleic acid, monoester with polyethylene glycol (8CI)

OTHER NAMES:

CN Adeka Estol OEG 204

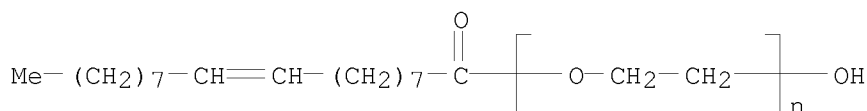
CN Agnique PEG 400MO

CN Akyporox O 50  
 CN Alkamuls 400MO  
 CN Alkamuls A 2  
 CN Alkasurf O 14  
 CN Alkasurf O 75-9  
 CN Atlas G 2140  
 CN Atlas G 2141  
 CN Atlas G 2142  
 CN Atlas G 2143  
 CN Atlas G 2144  
 CN Atlas G 5507  
 CN Atlas G 5511  
 CN Blaunon O 600SA  
 CN Blaunon O 700SA  
 CN Cemulsol 1050  
 CN Cemulsol A  
 CN Cemulsol C 105  
 CN Cemulsol D 8  
 CN Chemax E 400MO  
 CN Chemester 300OC  
 CN Chimipon OCD  
 CN Cithrol 2MO  
 CN Cithrol PO  
 CN CRL 1337  
 CN Crodet O 100  
 CN Crodet O 40  
 CN Crodet O 6  
 CN Dyapol G  
 CN E2  
 CN Emalex 218  
 CN Emalex OE 1  
 CN Emalex OE 10  
 CN Emanon 4110  
 CN Emanon 4115  
 CN Emcol H 2A  
 CN Emcol H 31A  
 CN Emerest 2624  
 CN Emerest 2646  
 CN Emerest 2660  
 CN Empilan BP 100  
 CN Empilan BQ 100  
 CN Emulan A  
 CN Emulphor 24  
 CN Emulphor A  
 CN Emulphor VN 430  
 CN EN 1507  
 CN EN 1511  
 CN ES 120  
 CN Monooleate ester of polyethylene glycol  
 CN Poly(ethylene glycol) oleic acid ester  
 CN Poly(oxyethylene) glycol monooleate  
 CN Polyethylene glycol monooleate  
 CN Polyethylene glycol oleate

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
 DISPLAY

DR 914926-86-6, 12772-84-8, 12789-13-8, 8013-78-3, 8051-25-0, 9007-68-5,  
 1341-62-4, 55126-82-4, 55945-62-5, 103939-39-5, 37223-98-6, 37223-99-7,  
 37330-99-7, 67775-15-9, 141927-22-2, 82905-19-9, 39316-40-0, 41139-27-9,  
 52504-20-8

MF (C2 H4 O)n C18 H34 O2  
 CI PMS, COM  
 PCT Polyether  
 LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CIN, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, RTECS\*,  
 TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1665 REFERENCES IN FILE CA (1907 TO DATE)  
 36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1668 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 107-06-2 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Ethane, 1,2-dichloro- (CA INDEX NAME)  
 OTHER NAMES:  
 CN  $\alpha,\beta$ -Dichloroethane  
 CN 1,2-Bichloroethane  
 CN 1,2-Dichlorethane  
 CN 1,2-Dichloroethane  
 CN 1,2-Ethylene dichloride  
 CN Brocide  
 CN DCE  
 CN Dichlor-Mulsion  
 CN Dutch liquid  
 CN EDC  
 CN EDC (halocarbon)  
 CN Ethylene chloride  
 CN Ethylene dichloride  
 CN Glycol dichloride  
 CN HCC 150  
 CN sym-Dichloroethane  
 DR 52399-93-6  
 MF C2 H4 Cl2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
 CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
 CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*,  
 HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA,  
 PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Cl-CH<sub>2</sub>-CH<sub>2</sub>-Cl

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

15878 REFERENCES IN FILE CA (1907 TO DATE)

141 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

15913 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN

RN 57-55-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,2-Propanediol (CA INDEX NAME)

OTHER NAMES:

CN (±)-1,2-Propanediol

CN (±)-Propylene glycol

CN (RS)-1,2-Propanediol

CN α-Propylene glycol

CN 1,2-(RS)-Propanediol

CN 1,2-Dihydroxypropane

CN 1,2-Propylene glycol

CN 1000PG

CN 2,3-Propanediol

CN 2-Hydroxypropanol

CN Adeka PG

CN Adeka Propylene Glycol PG-P

CN DC 403

CN DL-1,2-Propanediol

CN dl-Propylene glycol

CN Dowfrost

CN Isopropylene glycol

CN Methylethyl glycol

CN Methylethylene glycol

CN Monopropylene glycol

CN NSC 69860

CN Nybrine NFP

CN PG 12

CN PG-T

CN PG-T (glycol)

CN ProGlyc 55

CN Propylene glycol

CN Safewing MP-I 1938

CN Safewing MP-IV 2001

CN Sirlene

CN Solar Winter Ban

CN Solargard P

CN Ucar 35

DR 63625-56-9, 4254-16-4, 190913-75-8

MF C3 H8 O2

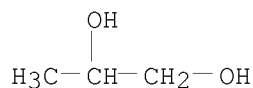
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PATDPASPC, PHAR, PIRA, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, USPATOLD, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

32647 REFERENCES IN FILE CA (1907 TO DATE)

3717 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

32747 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 17 and ?coxib/cns

31 ?COXIB/CNS

L9 10 L7 AND ?COXIB/CNS

=> d 19 1-10

L9 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN

RN 639010-42-7 REGISTRY

ED Entered STN: 19 Jan 2004

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, sodium salt, hydrate (1:1:?) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, monosodium salt, hydrate (9CI)

OTHER NAMES:

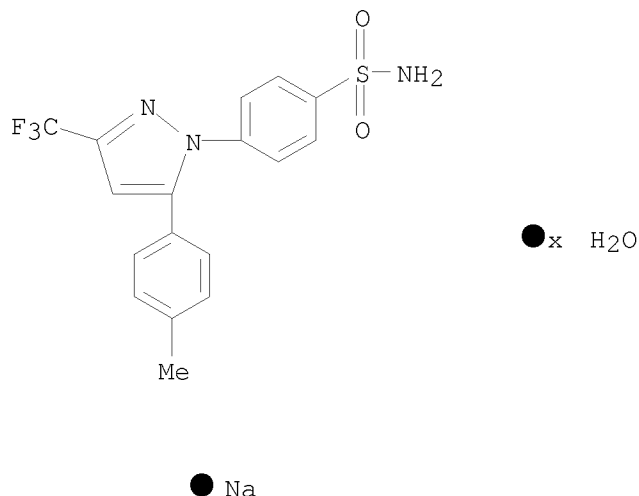
CN Celecoxib sodium hydrate

MF C17 H14 F3 N3 O2 S . x H2 O . Na

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

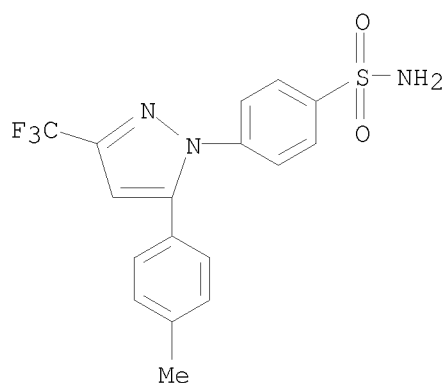
CRN (169590-42-5)





4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

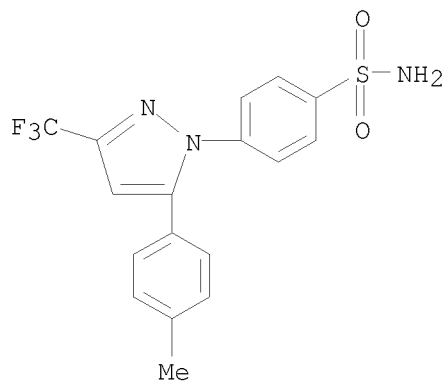
L9 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 639010-36-9 REGISTRY  
ED Entered STN: 19 Jan 2004  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, calcium salt (2:1) (CA INDEX NAME)  
OTHER NAMES:  
CN Celecoxib calcium  
MF C17 H14 F3 N3 O2 S . 1/2 Ca  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER  
CRN (169590-42-5)



● 1/2 Ca

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

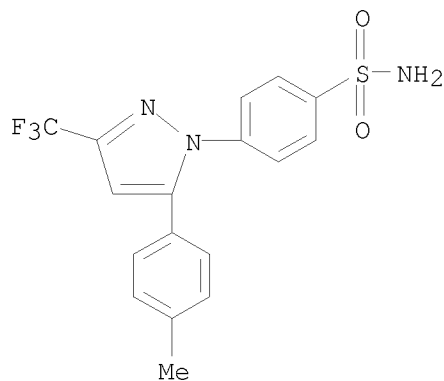
L9 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 639010-35-8 REGISTRY  
ED Entered STN: 19 Jan 2004  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, potassium salt (1:1) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, monopotassium salt (9CI)  
OTHER NAMES:  
CN Celecoxib potassium  
MF C17 H14 F3 N3 O2 S . K  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
CRN (169590-42-5)



● K

5 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

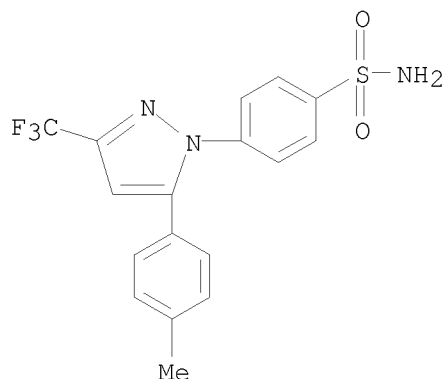
L9 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 639010-34-7 REGISTRY  
ED Entered STN: 19 Jan 2004  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, lithium salt (1:1) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, monolithium salt (9CI)  
OTHER NAMES:  
CN Celecoxib lithium  
MF C17 H14 F3 N3 O2 S . Li  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
CRN (169590-42-5)



● Li

5 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 639010-33-6 REGISTRY  
ED Entered STN: 19 Jan 2004  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, sodium salt (1:1) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, monosodium salt (9CI)  
OTHER NAMES:  
CN Celecoxib sodium  
MF C17 H14 F3 N3 O2 S . Na  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
CRN (169590-42-5)



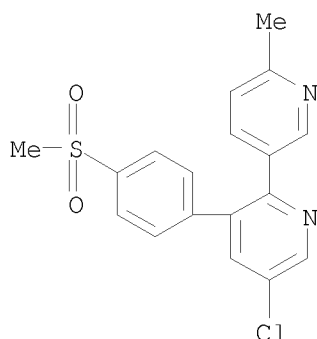
● Na

8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 202409-33-4 REGISTRY  
ED Entered STN: 11 Mar 1998  
CN 2,3'-Bipyridine, 5-chloro-6'-methyl-3-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)  
OTHER NAMES:  
CN 5-Chloro-6'-methyl-3-[4-(methylsulfonyl)phenyl]-2,3'-bipyridine  
CN Arcoxia  
CN Etoricoxib  
CN Kingcox  
CN MK 0663  
CN MK 663  
CN Torcoxia  
MF C18 H15 Cl N2 O2 S  
CI COM  
SR CA  
LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS,

CASREACT, CHEMCATS, CSCHEM, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

603 REFERENCES IN FILE CA (1907 TO DATE)

28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

609 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN

RN 181695-72-7 REGISTRY

ED Entered STN: 10 Oct 1996

CN Benzenesulfonamide, 4-(5-methyl-3-phenyl-4-isoxazolyl)- (CA INDEX NAME)

OTHER NAMES:

CN 4-(5-Methyl-3-phenylisoxazol-4-yl)benzenesulfonamide

CN Bextra

CN SC 65872

CN Valdecoxib

CN Valecoxib

CN Valus

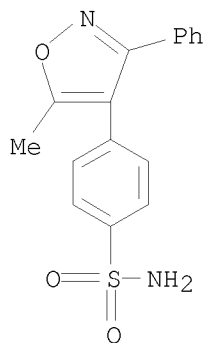
CN Valz

MF C16 H14 N2 O3 S

CI COM

SR CA

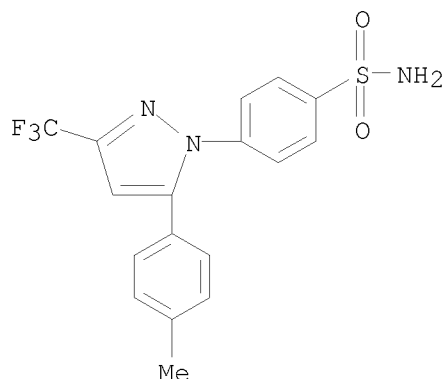
LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CSCHEM, EMBASE, HSDB\*, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MRCK\*, PATDPASPC, PHAR, PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

885 REFERENCES IN FILE CA (1907 TO DATE)  
 34 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 889 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 169590-42-5 REGISTRY  
 ED Entered STN: 02 Nov 1995  
 CN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide  
 CN Celebra  
 CN Celebrex  
 CN Celecox  
 CN Celecoxib  
 CN Celocoxib  
 CN SC 58635  
 CN YM 177  
 DR 184007-95-2, 194044-54-7  
 MF C17 H14 F3 N3 O2 S  
 CI COM  
 SR US Adopted Names Council (USAN)  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB\*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS\*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3237 REFERENCES IN FILE CA (1907 TO DATE)

77 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

3256 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN

RN 169590-41-4 REGISTRY

ED Entered STN: 02 Nov 1995

CN Benzenesulfonamide, 4-[3-(difluoromethyl)-5-(3-fluoro-4-methoxyphenyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

OTHER NAMES:

CN 4-[5-(3-Fluoro-4-methoxyphenyl)-3-(difluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide

CN Deracoxib

CN Deram

CN Deramaxx

CN SC 046

CN SC 46

CN SC 59046

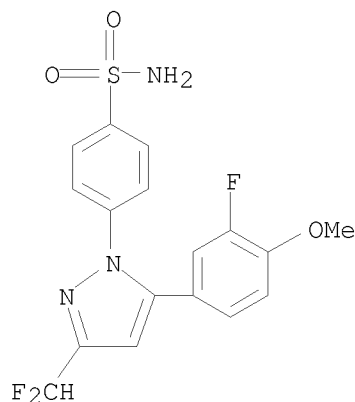
MF C17 H14 F3 N3 O3 S

CI COM

SR US Adopted Names Council (USAN)

LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, MEDLINE, MRCK\*, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

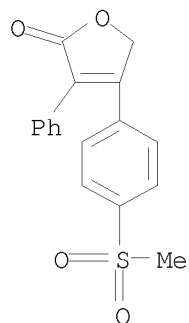
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

208 REFERENCES IN FILE CA (1907 TO DATE)  
 13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 208 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 162011-90-7 REGISTRY  
 ED Entered STN: 07 Apr 1995  
 CN 2(5H)-Furanone, 4-[4-(methanesulfonyl)phenyl]-3-phenyl- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 3-(4-Methanesulfonylphenyl)-2-phenyl-2-buten-4-olide  
 CN 3-Phenyl-4-[4-(Methanesulfonyl)phenyl]-2(5H)-furanone  
 CN 4-(4-(Methanesulfonyl)phenyl)-3-phenyl-5H-furan-2-one  
 CN 4-[(4-Methanesulfonyl)phenyl]-3-phenyl-2(5H)-furanone  
 CN MK 0966  
 CN MK 966  
 CN Rhuma-cure  
 CN Rofecoxib  
 CN Vioxx  
 DR 186912-82-3  
 MF C17 H14 O4 S  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO,  
 CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE,  
 HSDB\*, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE,  
 MRCK\*, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS\*, SCISEARCH, SYNTHLINE,  
 TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2087 REFERENCES IN FILE CA (1907 TO DATE)  
 54 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2095 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> logoff hold

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |

FULL ESTIMATED COST

|       |       |
|-------|-------|
| 40.60 | 92.90 |
|-------|-------|

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |

CA SUBSCRIBER PRICE

|      |       |
|------|-------|
| 0.00 | -1.60 |
|------|-------|

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:23:39 ON 24 DEC 2008